IFB

Advancing the science of washing

DIGITAL *5kg*

The user manual

USE ONLY GENUINE IFB SPARES & ACCESSORIES

** Company shall not be responsible for defects arising due to usage of spurious parts and accessories*

WELCOME

Dear Customer,

Congratulations for buying India's No. 1 fully automatic washing machine!

We welcome you to the proud IFB owner's club.

Your machine, you will see, is as efficient as washing machines can be. It uses less amount of water, detergent, electricity and yet, gives a better wash than any other machine. What makes this possible is pure German logic.

Your machine, with its unique features such as tumble wash, shower system and cool down cycle, is fully automatic, meaning you only have to spend few minutes with it, after which, it takes over.

As you read this manual you'll understand what this washing machine can do for you.

For any further information, please contact your nearest dealer or IFB service centre. We'll be happy to give you all the help you require.

That said, now we'll let the machine take over. Happy washing, and congratulations once again.

Yours sincerely,

Chief Executive

CONTENTS

KNOW YOUR MACHINE..... 6
INSTALLATION..... 7
- Pre Installation
- Unpacking
- Setting up
- Water inlet
- Water outlet
- Electrical connection

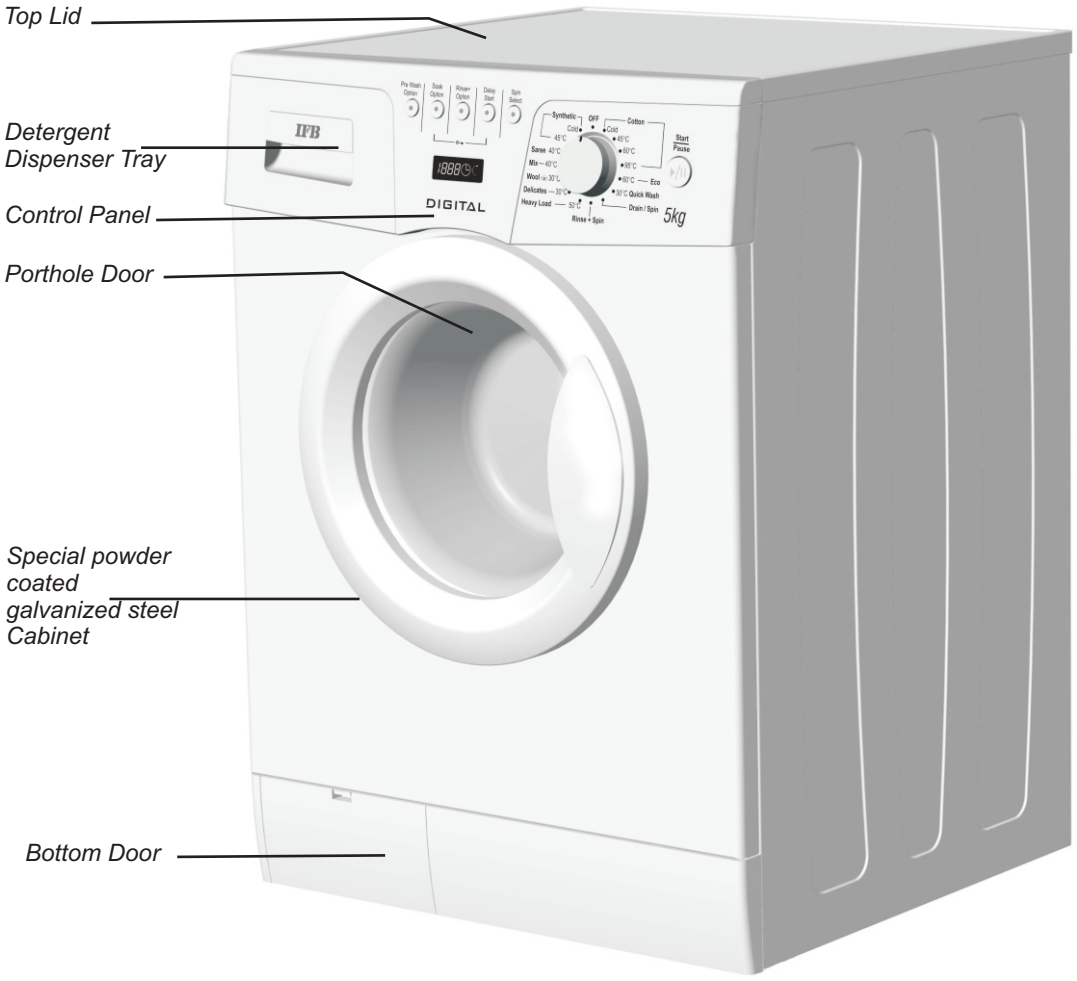
USING YOUR MACHINE..... 9
- Control panel
- Enviromental protection / conservation issues
- Before using your machine for the first time
- Program selector
- Optional buttons
- Digital display
- Child lock safety provision
- Automatic detergent dispenser tray
- Kinds of wash programs
- Exclusive programs
- Exclusive in -built features
- Programme chart

OPERATION..... 17
- Sorting of garments
- Loading the machine
- Detergent to be used & quantity
- Fabric conditioner
- Treatment of stains
- Fabric care symbols
- Cloth weights
- Check points
- Programming the machine
- When the program has ended

MAINTENANCE..... 21
- Coin Trap
- Drum
- Sieves
- Frost protection
- Draining during emergencies

TROUBLE SHOOTING..... 23
- Why does it happen?
- Error interpretation

SAFETY PRECAUTIONS..... 25
TECHNICAL DATA..... 26

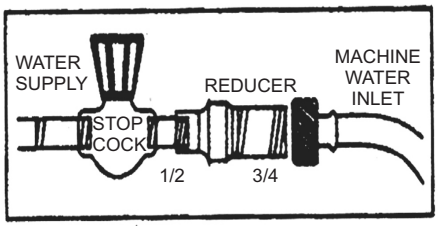


ADVANTAGES OF TUMBLE WASH

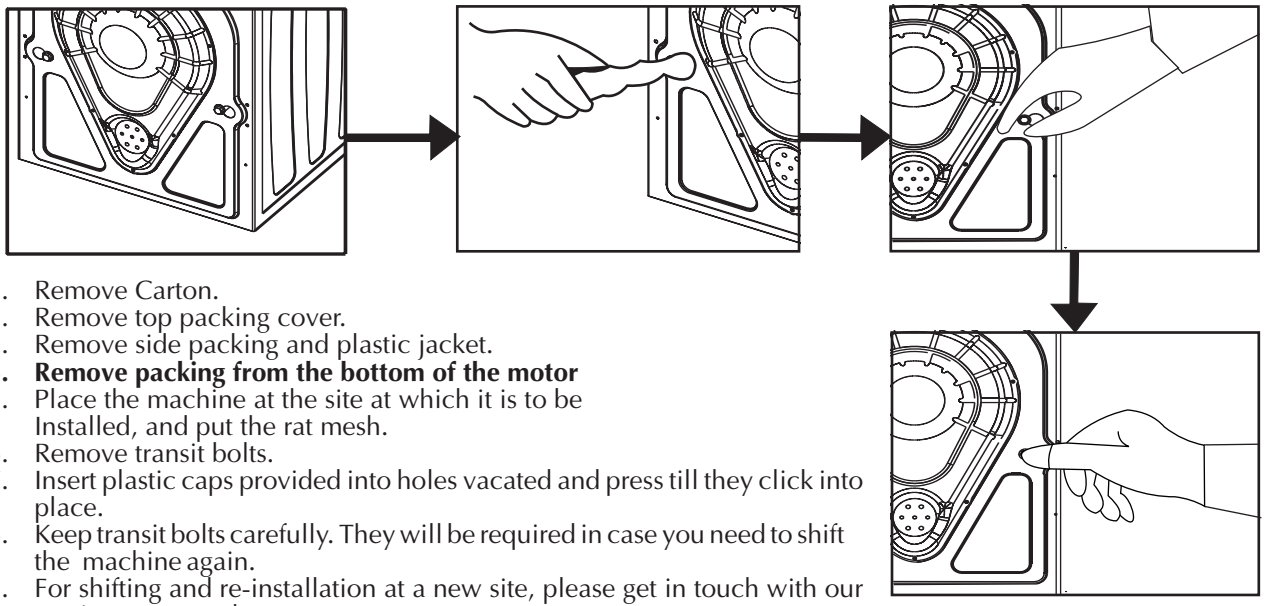
- MOST EFFECTIVE CLEANING AS THE CLOTHES PASS THROUGH SOAPY WATER AND ALSO FALL ON SOAP SOLUTION IMPROVING WETTING OF CLOTHES.
- RESEMBLES THE THUMPING AND RUBBING ACTION OF GENTLE HAND WASH.
- USES LESS WATER COMPARED TO TUB TYPE TOP LOADERS.
- LESS WATER MEANS LESS DETERGENT AND ELECTRICITY CONSUMPTION.
- WASHING IS EFFECTIVE BY DETERGENT, SOAKING, HEATING, TUMBLING AND SQUEEZING.
- GIVES BETTER DRYING EFFECT BY SPINNING.

PRE - INSTALLATION

- **It is mandatory to have a 16 amp. 3-pin 230V AC, 50Hz electrical point with a 16 amp. MCB or Automatic short circuit protection device within 1 meter of the machine. Make sure it has proper earthing.**
- Fixed plumbing is recommended for the machine. The water inlet of the machine has a collar with 3/4" parallel internal threads. The water supply point with an external thread3/4" parallel thread should be available within 1 meter of the machine location. Please refer the figures (page. no. 8) under the topics WATER INLET and WATER OUTLET.
- Please contact our service centre for installation and demonstration of the machine after the mentioned points have been completed.



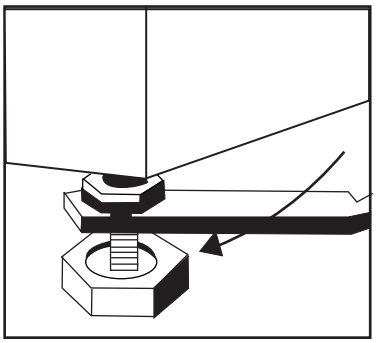
UNPACKING



1. Remove Carton.
2. Remove top packing cover.
3. Remove side packing and plastic jacket.
4. **Remove packing from the bottom of the motor**
5. Place the machine at the site at which it is to be Installed, and put the rat mesh.
6. Remove transit bolts.
7. Insert plastic caps provided into holes vacated and press till they click into place.
8. Keep transit bolts carefully. They will be required in case you need to shift the machine again.
9. For shifting and re-installation at a new site, please get in touch with our service personnel.
10. Keep packaging material carefully. It comes handy while shifting residence.
11. PLEASE DO NOT OPERATE THE MACHINE TILL TRANSIT BOLTS HAVE BEEN REMOVED.

SETTING UP

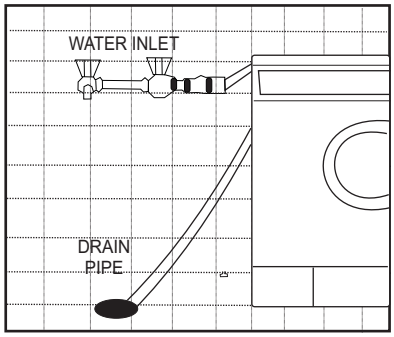
The machine should be levelled properly on the floor. However, it can be installed on any suitable platform or trolley, as desired.
Install machine in a room with adequate ventilation. Avoid a room with no windows. The back of the machine should be at least 4 inches (100 mm) away from the wall.



1. Do not place the machine on slanting, uneven, unstable surface.
2. Level the machine by using the adjustable screws provided at the bottom for levelling.
3. Loosen securing nut. Adjust the screw to change level. Tighten securing nut to ensure that screw is locked into place.
4. **Make sure that the machine rests on all four feet on a level surface, at all times, to avoid vibrations during operation**
5. Machine should be leveled again in case it is moved to a new site.
6. Machine is provided with ventilating openings on the base. Hence it is always recommended to put the machine on the floor after removing the carpet.
7. In countries where there are areas which may be subjected to infestation by cockroaches or other insects etc, pay attention to keep the appliance & surrounding in clean condition at at all times any damage which be caused by cockroaches etc will not be covered by the appliance guratantee.

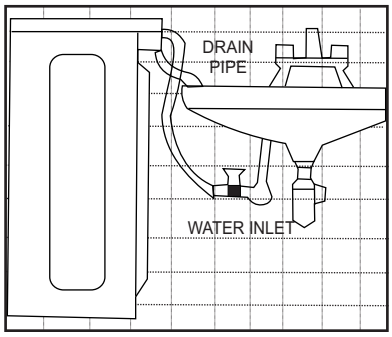
WATER INLET

- Connect inlet hose to water tap/ line.
- Do not connect machine to a hot water supply



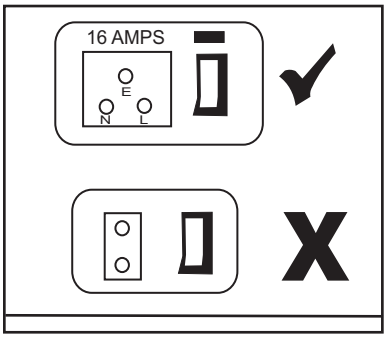
WATER OUTLET

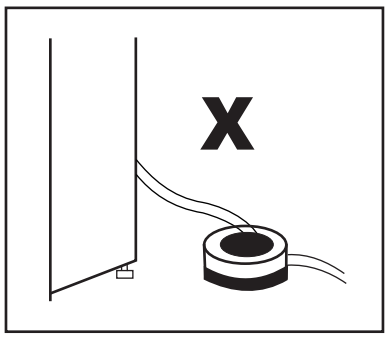
- A drain pump is provided in the machine to pump out used water.
- The end of the outlet should be placed near a drain. If necessary, it can be placed over the sink at a maximum height of 1 meter from the floor level.
- Allow free flow of water from the outlet pipe.



ELECTRICAL CONNECTION

- Check that the electrical line take the required load.
- Connect to a 230V, 50Hz single phase AC supply. The appliance must be positioned so that the plug is accessible.
- Machine must be earthed properly before operation. This can be done by using a 3 - pin plug and a properly earthed operated socket of 16 Ampere rating.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. It should not be stretched when connected to the main socket.
- Use of extension cord not recommended since it may not be properly earthed.
- Use ISI marked sockets of reputed make for preventing loose contact of power supply cable.
- Ensure that there is a firm connection between the 3 PIN PLUG and SOCKET, else it may result in sparking and subsequent failure of 3 pin plug.
- Ensure that L,N,E is as per the Fig. Shown
- Washing machine should always be connected to socket with 16 Amps MCB or other automatic short circuit protection devices.

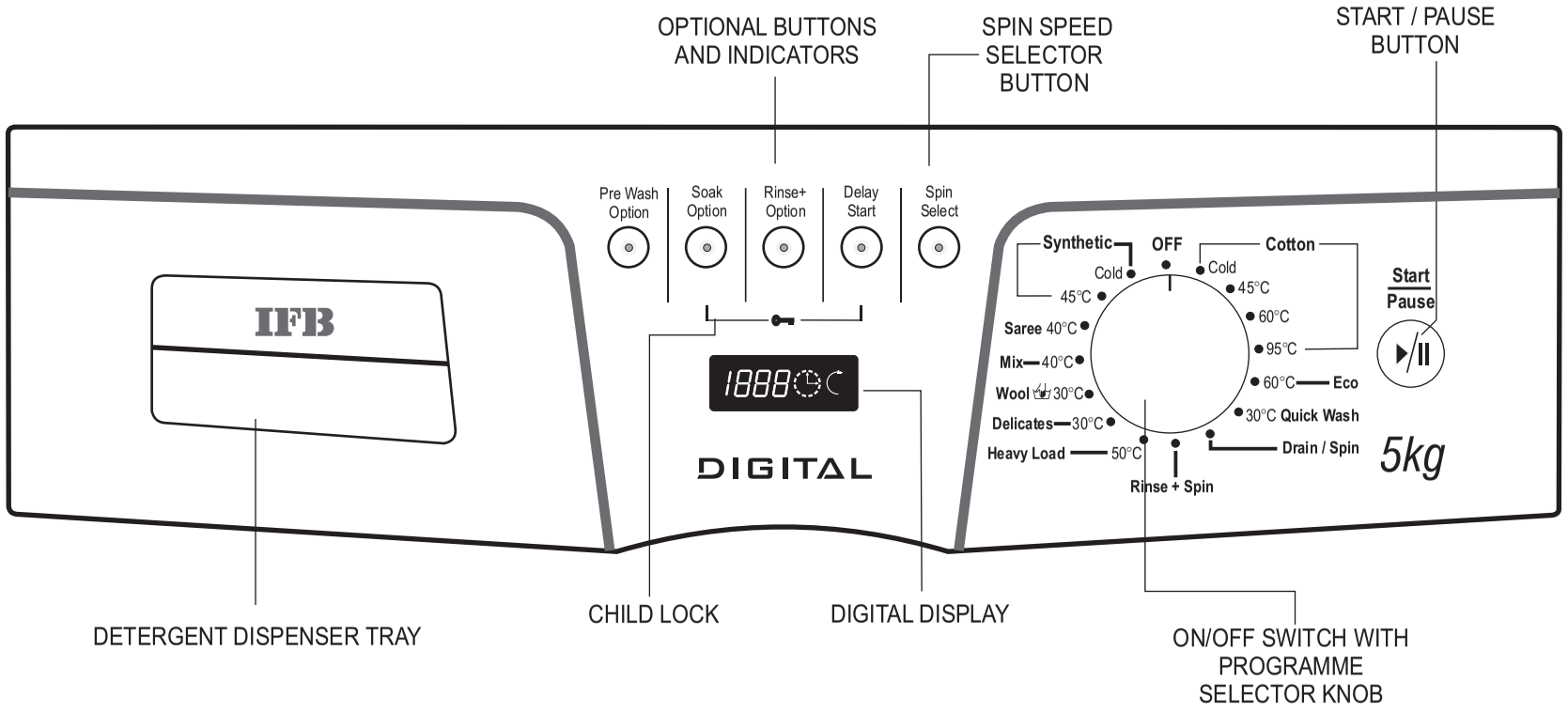




CAUTION :- The producer/Manufacturer declines any responsibility for damage caused by failure to observe this rule. You are therefore advised to check that your household supply has an efficient earth.

CONTROL PANEL

Let's take a look at the control panel and understand the working of each of its features. Each feature serves a specific purpose in the complete operation of the machine.



ENVIRONMENTAL PROTECTION/ CONSERVATION ISSUES

Your washing machine uses water, energy and detergent efficiently, thereby protecting the environment and reducing your household costs.

Using your washing machine in an efficient and environmentally friendly manner:

Do not exceed recommended load.

Cottons	5.0kg
Easy-care	3.0kg
Delicates and Woollens	2.0kg

Where possible, use the 60^0 C Eco program instead of the 95^0C Cottons program. The extended washing time achieves a cleaning result comparable to the 95^0 C program, but uses considerably less energy.

Avoid using the Prewash program when washing lightly to normally soiled laundry.

Add detergent according to the degree of soiling, amount of laundry and water hardness, and observe the dertergent manufacturer's instructions.

BEFORE USING YOUR WASHING MACHINE FOR THE FIRST TIME

Caution

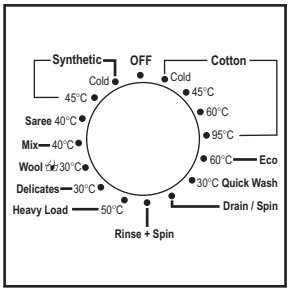
The washing machine must have been installed and connected properly (refer page 7)

Your appliance was tested before leaving the factory. To remove any water left over from testing procedures, the first washing cycle should be carried out without laundry in the machine.

Do not load any laundry.

1. Turn on water tap.
2. Pull out the detergent dispenser up to the end stop.
3. Pour approx. 1 litre of water into chamber II of the detergent dispenser.
4. Pour ½ measuring beaker of detergent into dispenser II. Do not use any special detergents for delicates or woollens (excessive foam).
5. Close the detergent dispenser.
6. Set the programme selector to 95^0 C cottons.
7. Press the Start button.
8. when the End message is displayed Turn the programme selector to OFF.

PROGRAM SELECTOR



- The program selector is used to choose the desired program. The knob can be rotated in both clockwise and anti-clockwise directions.
- The time required to complete the selected program will be shown on the digital display.
- A choice of 15 basic programs is available according to the fabric being washed and extent of soilage. For more details please refer the topic "Kinds of wash programs".
- Program selection should be done before pressing the "Start/Pause" button.

Attention: To choose a different program during program run of the machine, switch off the machine, wait for few seconds and then select a new program.
If the selector is rotated during program run, PXX (XX will be 01 for Cotton Cold, 02 for Cotton 45....., 15 for Synthetic Cold) will be shown on the display alternatively with the balance time till it is brought back to the original position.

OPTIONAL BUTTONS

- The program selected can be further supplemented by choosing the various options available as listed below.
- After the machine is powered ON, available options to a program will be shown by the flashing of the corresponding LED of the optional button. Non-flashing LED's refer to the non-applicable options to that program. Default selected option will be indicated by the glow of LED.
- With the selection of optional buttons, the total time required for washing is automatically readjusted and can be viewed on the digital display.

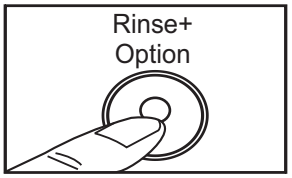
PRE WASH OPTION

- If pre wash option is selected, the clothes are given a preliminary wash before the main wash.
- Useful for the Cotton / Synthetic clothes which are highly soiled, stained, long wearing like outdoor sports wear, kitchen wear, jeans etc.
- When chosen, the detergent is to be filled in compartment marked I of the detergent dispenser tray.
- At the end of the pre wash, the dirty water is pumped out automatically.

SOAK OPTION

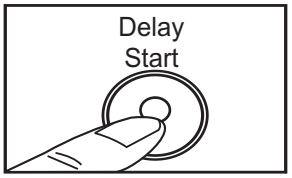
- Soaks clothes in soapy water for a calculated amount of time to dislodge dirt particles from the clothes during main wash cycle. After this, it automatically continues with the normal cycle.
- Useful for Cotton / Synthetic clothes which are highly soiled or stained (blood / sweat / tea / coffee / chemicals etc).

RINSE+ OPTION



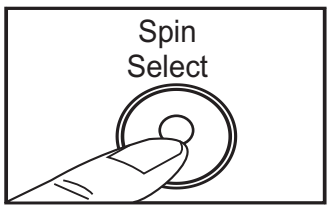
- An additional rinse cycle is executed to remove any left over detergent on the clothes to give a better feel to the fabric.
- Useful in places of soft water or for highly soiled clothes or for rinsing delicate fabrics, net curtains etc.

DELAY START



- If you desire to delay the start of the program choose 'Delay Start' option.
- Each press advances 'Delay Start' by an hour (60 minutes). Initially '0h' will be shown on the display. If the button is kept pressed continuously, the Delay Start gets incremented at a faster rate.
- The Delay Start can be set from 1 hour to 24 hours. When Delay Start is set, the Delay Start LED will glow.
- To set the Delay Start, **Select the program and options ➔ Press Delay Start button till desired delay time is displayed ➔ Press Start button.** The non-selected applicable options will continue flashing till delay time is over. They can be selected / deselected by pressing the corresponding button.
- The time delay set will start decreasing the time and the balance delay time on the display is updated every one hour. For the final one hour, the time will be decremented in minutes. After time delay is over, the washing machine will automatically start the chosen program and time required for completing the chosen program would be displayed, and the Delay Start LED will turn off.
- To cancel the "Delay Start" option when the machine is in Delay Start mode, Press "Start/Pause" button.
- Delay Start does not proceed during power failure.

SPIN SELECT



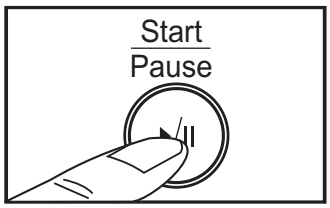
- When Spin Select button is pressed, default speed will be shown on the display along with the " ↻ " symbol. Spin speed selection sequence will be Default speed (DS) ➔ DS-100rpm ➔ DS - 200rpm..... 400rpm > No final Spin (0 rpm) ➔ Rinse Hold ⊢⊣ ➔ Default Speed➔ ...
- To select 'No final spin', press the Spin Select button till the value '0' is shown on the Display.
- When 'No final spin' is selected, the machine will not spin during final spinning operation.
- Spin speeds between 400 rpm to 900-rpm max. can be selected by pressing the button.
- The maximum spin speeds are automatically limited to the following for better fabric care.

Program	Maximum spin speed (rpm)
Cotton, Eco, Quick Wash, Heavy load	900
Synthetic, Mix	800
Delicates, Wool, Saree	600

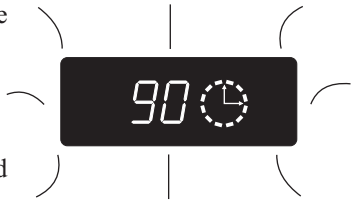
Rinse Hold

- Rinse hold option will prevent clothes from creasing by holding them in water before final spin.
- During the Rinse hold stage, the Spin Select button LED will flash & the program can be continued further to either drain out the water or spin the clothes.
- To do this, **Set the Spin Select button to '0' or desired spin speed ➔ Press Start**
- In addition to "Rinse Hold" option, an inbuilt anti-crease action of tumbling takes place after final spin to reduce creasing.

START/PAUSE



- After choosing the desired program and options press this button to start the program. Keep Start/ Pause button pressed for 1 second to enter pause state.
- To change the program during the machine run, **Press Pause button ➔ Switch OFF the machine ➔ Switch ON ➔ Select a new program.**
- To select / deselect the options during the program run, **Press Pause button ➔ Change the options ➔ Press Start button.**
- Pause mode is indicated by the simultaneous flashing of "Clock symbol" and balance time on the display.



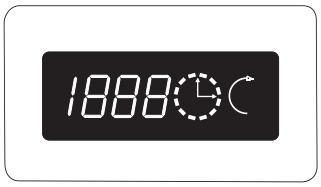
INBUILT ANTICREASE

- In order to reduce the wrinkles on the laundry after final spin cycle, the machine is provided with an 'Inbuilt Anticrease' feature.
- Subsequent fluffing of the clothes will be done thereby it helps you to unload the laundry from the drum with ease!

NOTE:

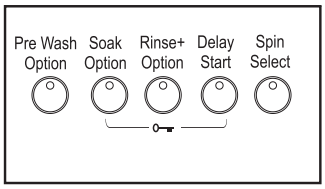
1. To open the door during program run, pause the machine and the door will get opened after a delay of 1 - 2 minutes.
2. To prevent any untoward incidents to you, additional protection is provided in which the door cannot be opened even if paused when the water temperature in the drum is above 50^0C or if the water level inside the drum is high or if the washing machine is in spinning operation.

DIGITAL DISPLAY



- The digital display gives you the complete information while setting of the program, balance time of the program, fault indications if any etc.
- If you have chosen “child lock” option, then “CH” will be displayed.
- If the washing machine encounters a problem during program run then the corresponding error code will be displayed. For further details, please refer the topic ‘Trouble shooting’ **on page 23.**

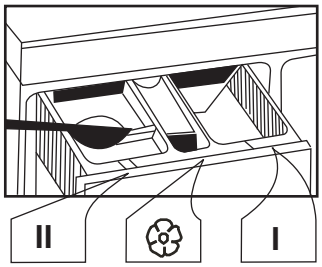
CHILD LOCK SAFETY PROVISION



- You can safeguard your washing machine to prevent any unintentional changes to the selected options and to the program sequence by activating Child lock feature.
- To activate “Child lock” feature press “Soak Option” and “Delay Start” buttons simultaneously. The Display of “CH” message on the display indicates that the Child lock option is activated. Child lock is to be set after starting the program.
- Child lock feature makes all the functional buttons inoperative.

- To deactivate the child lock, press the same two buttons simultaneously. “CH” message will disappear.
- If child lock is opted, it has to be disabled to make any changes in the options during program run.

AUTOMATIC DETERGENT DISPENSER TRAY



Designed for automatic dispensing of detergent & additives as required which avoids manual filling at each stage. The detergent dispenser tray should be filled with detergent & additives before the start of a program. The tray has three chambers

1. Pre wash chamber: (Marked –I) To be filled with detergent in case a pre wash program has been chosen.
2. Main wash chamber: (Marked –II) To be filled with detergent for every wash program.
3. Fabric conditioner additive chamber: **(Marked “ ❀ “)** To be used for additives only. It should be filled as per instructions mentioned in the topic “operation”.

The detergent tray must be pulled out, filled as required and shut before the machine is switched ON.

KINDS OF WASH PROGRAMS

IFB Digital washing machine provides you number of combination of main programs and options to get wash quality to your satisfaction.
To select the right program, you should know the basic group of wash programs.

1. Cottons - Cold, Mild (45^{0}C),Warm (60^{0}C), Hot (95° C)

- The washing action is more vigorous/gentle for a longer duration to clean clothes better.
- To be used for whites, cottons and coloreds, average soiled cottons, bed sheets, curtains, under garments, towels, shirts, trousers etc.
- Not to be used for Woolens and Delicate fabrics.

Selectable additional options:
Pre wash option, Soak option, Rinse+ option, Rinse hold, No final spin

2. **Eco Wash - 60° C**

- This gives an environmental friendly and energy saving operation of washing.
- In this program, the mechanical tumbling action during wash is increased in such a way that at lower temperature and power consumption, the same quality of wash is achieved as that with high temperature & less mechanical action.
- This program can be used for washing heavily soiled Cotton/Synthetic clothes such as whites, cottons and coloreds, bed sheets, curtains, towels, shirts, trousers.

Selectable additional options:
Pre wash option, Soak option, Rinse+ option, Rinse hold, No final spin

3. Quick Wash - 30^{0}C

- Useful for washing the laundry which is very lightly soiled like once worn/ daily wear garments.

Selectable additional options:
Rinse hold, No final spin

4. Heavy Load - 50^{0}C

- Useful for washing heavily soiled garments like jeans, bedsheets, curtains, etc.

Selectable additional options:
Prewash option, Soak option, Rinse+ option, Rinse hold, No final spin

5. Delicates - 30° C

- The washing action is less vigorous/gentle for a shorter duration.
- To be used for washing sensitive easy care fabrics like skirts, blouses, shirts, net curtains, mixed fibre fabrics or Turkish towels.

Selectable additional options:
Rinse+ option, Rinse hold, No final spin

6. **Wool - 30° C**

- The washing action is very gentle for a short duration.
- Most suitable for washing hand washable fabrics or machine washable fabrics made from wool or wool blend.

Selectable additional options:
Rinse+ option, Rinse hold, No final spin.

7. Mix - 40° C

- Suitable for easycare textiles and laundry made of cotton-different types of fabric can be washed together.

Selectable additional options:
Prewash option, Soak option, Rinse+ option, Rinse hold, No final spin

8. **Saree - 40° C**

- Suitable for washing Cotton/Synthetic sarees.

Selectable additional options:
Soak option, Rinse+ option, Rinse hold, No final spin

9. Synthetics - Cold, Mild (45° C)

- The washing action is less vigorous/gentle for a shorter duration.
- To be used for easy care fabrics made from Cotton, Synthetics, lightly soiled blouses, shirts etc made of polyester or similar blends.

Selectable additional options:
Pre wash option, Soak option, Rinse+ option, Rinse hold, No final spin.

EXCLUSIVE PROGRAMS

1. Drain/ Spin

- This program is used for draining out the water from the washing machine or squeezing out water from hand washed/rinsed items.
- Maximum spin speed upto 900 rpm can be chosen.
- To select "Drain" program press Spin Select button till "0" rpm is displayed

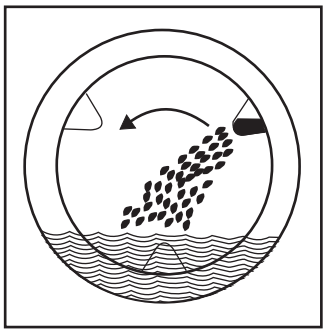
Selectable additional options: No final spin

2. Rinse + Spin

- Exclusive rinse cycles with subsequent spin cycle and suitable for rinsing hand-washed items.
- Maximum spin speed upto 900 rpm can be chosen.

Selectable additional options:
Rinse hold, No final spin

EXCLUSIVE IN-BUILT FEATURES:



A UNIQUE SHOWER SYSTEM:

Scoops on the inner drum pick up water and shower through perforated fins on the laundry as the drum rotates. This ensures a thorough wetting of the laundry, What's more, the process requires less water and thus less energy to heat it.

COOL DOWN CYCLE:

Hot water drained after main wash cycle can be harmful for people and environment. Hot water is cooled down by taking additional cold water automatically, which also reduces the concentration of detergent, thus ensuring better rinsing efficiency and Eco friendly environment. The cool down cycle takes place only if the temperature of water inside the washing machine is high thus saving water.

UNBALANCE DETECTION & CORRECTION:

If the wash load is very much unbalanced, the washing machine will try to distribute for balancing the load inside the drum. In this process, the washing machine will stop in between and try to distribute the load. Some times the washing machine will spin at lower spin speeds to reduce stresses on the dynamic parts of washing machine. This in turn will increase the life of the mechanical components of washing machine.

BUILT IN MEMORY:

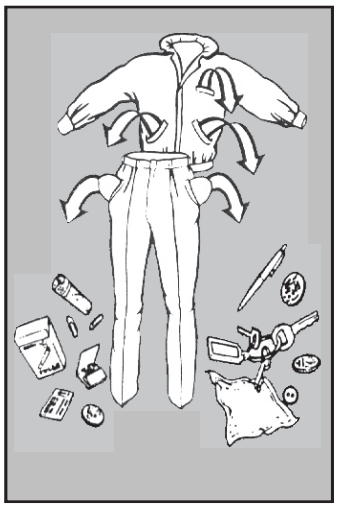
The washing machine has an inbuilt memory thus ensuring the machine will start from the same point where it had stopped, on resumption of power supply.

PROGRAMME CHART

Programme	Maximum load (kg)	Programme* duration (min)	Water* consumption (litres)	Energy* consumption (kWh)
Cotton Cold	5 kg. Max	88	70	0.15
Cotton Mild - 45°C	”	91	70	0.4
Cottton Warm - 60°C	”	106	70	0.6
Cotton Hot - 95°C	”	117	80	1.7
Eco - 60°C	”	106	55	0.6
Quick Wash - 30°C	3 kg Max.	36	35	0.05
Synthetic Cold	”	80	65	0.12
Synthetic Mild - 45°C	”	83	65	0.4
Delicate 30°C	2 kg. Max	39	45	0.05
Saree - 40°C	”	75	55	0.3
Wool 30°C	2 kg. Max	39	45	0.05
Rinse + Spin	-	33	30	0.05
Drain / Spin	-	2/16	_	- /0.03
Mix - 40°C	3 kg Max	88	55	0.3
Heavy Load - 50°C	3 kg Max	101	55	0.5

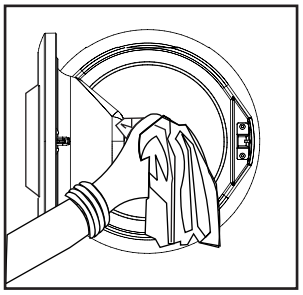
* - Program duration and consumption values can differ from the indicated values depending on the water pressure, water hardness, water inlet temperature, ambient temperature, type and quantity of load, degree of soiling, variations in the input power supply etc.

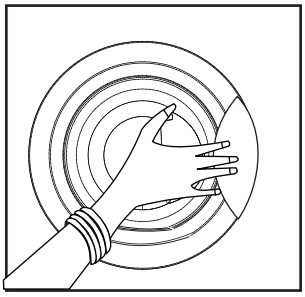
SORTING OF GARMENTS



- Only machine washable fabrics should be washed in the machine (look for wash symbols given on your garments).
- Sort garments as per the darkness or intensity of colours. Lighter garments can pick up dyes from darker ones.
- Separate Man-made fabrics (like polyester) from natural fibres (cotton). Man-made fibres can attract the oils that are released from natural fibres during washing. These oils can build up and make spots more noticeable.
- Wash heavily soiled, dirty items separately from slightly soiled items. This will retain the brightness of colours of fabrics washed.
- Try to have a mix of large & small clothes in each wash load. This will move the clothes freely in the drum during the wash cycle thus ensuring better wash.
- Sort delicate fabrics and loose knits from 'tougher' fabrics.
- Garments which give lint (e.g. woolens, socks, coarse cotton fabrics, etc) should be washed separately from garments that attract lint (e.g. synthetic fibres and corduroys).
- Check the pockets for any loose items like coins, keys, keychains, etc.Remove these articles as these can damage the drum/tub of washing machine.
- Wash woolens and silk only if label on garment permits it.

LOADING THE MACHINE





- Open the front porthole door, place garments loosely inside the drum. For best results load garments one by one.
- A wash load should preferably be a mix of large and small clothes.
- Turn knitted garments inside out. Remove loose hooks, rings and pins found on curtains etc.
- If pins/hooks cannot be removed tie a knot around them with the garment itself.
- **Close door and press till you hear a 'click'. Ensure that no cloth is jammed between door and rubber gasket .**
- For large garments like bed covers and curtains etc. open out the garments and hold from the centre to load.
- Ensure that volume of load allows the clothes to tumble freely in the drum for best wash results.
- Over- loading the drum will affect wash quality. It can also damage the machine and clothes in the long run.
- Running the machine under - loaded may cause excessive vibration, noise and damage.

DETERGENT TO BE USED AND QUANTITY

- The best washing results will be achieved by using the correct dosage of detergent .
- Use the detergent as per the instructions on the detergent packaging, However the dosage need to be adjusted during usage to avoid effects of inadequate/excess detergent as mentioned below.
- Use liquid detergent dispenser tray (Optional) while using liquid detergent. It is not to be used for powder detergent.
- Pour the liquid detergent into the detergent dispenser tray and place the tray in the main wash chamber (Marked - II) of the detergent dispenser tray before the start of the program.
- The quantity of detergent will depend on
  a. Quantity of clothes being washed
  b. Degree of soilage of clothes
  c. Water hardness
- Hard water and heavily soiled clothes require more, while less soiled clothes requires less then recommended quantity of detergents.
- Do not use dry cleaning agents.
- Frequent use of insufficient detergent will be noticeable as follows:
  a. Washing appears grey or not properly clean
  b. Grey/brown stains appear on the clothes
- Excess use of detergent will result in
  a. Higher environmental pollution
  b. Generation of too much foam
  c. Building up of scales
  d. Poor rinse quality
  e. Less drying efficiency
  f. Reduction in life of the Components.

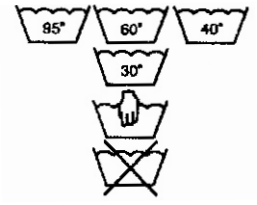
FABRIC CONDITIONER

- Fabric softener, Whitening, Enzyme, Disinfectants, Bleaching, etc.
- Fill in the middle chamber of detergent dispenser tray marked.
- Conditioner should be in liquid/solution form only (powders to be mixed in water)
- Fabric softener gives a soft feel and smooth surface to fabrics.
- Whitener gives 'Whiteness' to white clothes and brightness to coloured clothes.
- Enzymes help to remove stains of sweat, blood etc.
- Chlorine bleach is used for white clothes and oxygen bleach is used for coloured clothes.
- A strong bleaching agent is not recommended for direct use in the washing machine.
- Extremely dirty areas in clothes can be pretreated with bleach and then to be loaded in the machine for a regular wash.

TREATMENT OF STAINS

- Stains need to be treated immediately while they are fresh. Usually stains are categorized as absorbed stains, builtup stains, and compound stains.
- Absorbed stains can be removed by rubbing gently a pad containing a suitable solvent over the stain from outer edge towards centre by keeping stained cloth on absorbent fabric.
- Built up and compound stains may be removed by first carefully brushing off stained area. Then rub gently with pad containing solvent from the back of fabric.
- It is advisable to try out the solvent on hidden part of the garment to verify its effect on clothes.

FABRIC CARE SYMBOLS

WASHING SYMBOLS	WASH TEMP MAX°C	ACTION
	95, 60, 40	Normal
	30	Gentle
	Do not machine -wash	Handwash
	Do not wash in water	

IRONING

The number of dots indicate the maximum recommended temperature.

Max 200° C,

Max 150° C,

Max 110° C,

Non-iron

DRY CLEANING

A circle symbolizes dry cleaning.

articles normal for dry cleaning in all solvents.

articles normal for dry cleaning in perchloroethylene, white spirit, Solvent 113 and Solvent 11

article normal for dry cleaning in fluorocarbon 113 or white spirit.

do not dry clean.

BLEACHING

A triangle symbolizes dry bleaching

bleaching

do not bleach

DRYING

A rectangle symbolizes drying

suitable for tumble-drying

do not tumble-dry

WOOL

Garments labeled as “Hand Washable” can be washed in the wool wash cycle.

CLOTH WEIGHTS

Sheets :		**Pajamas Kurtas:**	**400 gms**	**Napkins (1 doz)**	**1.1 kg**
Cotton (double)	**1kg**			**Lungi / Dhoti**	**200 gms**
Cotton (single)	**500 gms**	**Shirts:**			
		Cotton	**280 gms**	**Bedspread**	**3 kg**
Other than		**Others**	**200 gms**	**Blankets**	
Cotton (double)	**650 gms**			**Wool**	**2.0 kg**
Cotton (single)	**400 gms**	**Blouses:**		**Acrylic**	**1.5 kg**
		Cotton	**140 gms**		
Pillow Slips :		**Others**	**100 gms**	**Sweaters (wool)**	**400 gms**
Cotton	**110 gms**			**Other heavy weight**	**300 gms**
Others	**85 gms**	**Sarees:**		**Light weight**	**150 gms**
		Cotton	**650 gms**		
Bath Towels	**600 gms**	**Synthetics**	**350 gms**	**Cotton vests**	**100 gms**
Hand Towels	**250 gms**	**Panties**	**60 gms**	**Underslips**	**100 gms**
Tablecloths:		**Socks:**		**Skirts**	**200 gms**
Small	**230 gms**	**Long (2 pairs)**	**150 gms**	**Trousers**	**250 gms**
Large	**600 gms**	**Short (2 pairs)**	**85 gms**	**Jeans**	**400 gms**
Table Napkins (4)	**150 gms**	**Hankies (6)**	**85 gms**		

- The chart indicates the average weight of clothes.
- The recommended weight of your wash should not be exceeded to ensure that your machine gives your clothes an effective wash.

CHECK POINTS:

Before switching your machine 'ON' check if …..

- The power supply plug is connected to a 230 V, 50 Hz supply with proper earthing.
- The water inlet stopcock is fully open.
- The inlet and exhaust hoses are straight and free from twist.
- The coin trap is closed firmly and exhaust pipe is connected to drain.

PROGRAMMING THE MACHINE:

1. Switch ON the mains supply.
2. Rotate the programmer knob to the desired program.
3. Set the final spin speed required.
4. Select the options preferred for the chosen program from the flashing options. After selection, the indicator light of the chosen options will glow.

   The chosen options can be deselected by pressing the button again.

   Non-flashing options indicate that they are not applicable for the corresponding program.
5. Open the door and load the clothes inside the drum.
6. Put the detergent in the respective chamber.
7. Press the "Start/Pause" button to start the washing cycle. Flashing of optional button indicator lights will turn OFF.
8. If required enable the 'Child lock' feature to prevent any tampering of program.
9. To change the options, **Pause the machine ➔ Select / Deselect the options ➔ Press Start button.** The machine will acknowledge the changes done automatically.
10. To change / cancel the program during the machine run, **Press Pause button ➔ Switch OFF the machine ➔Switch ON ➔ Select a new program**
11. Washing, Soaking, Rinsing & Spinning can be seen through the porthole door.
12. The time remaining to complete the washing cycle can be seen on digital display at any time during washing.

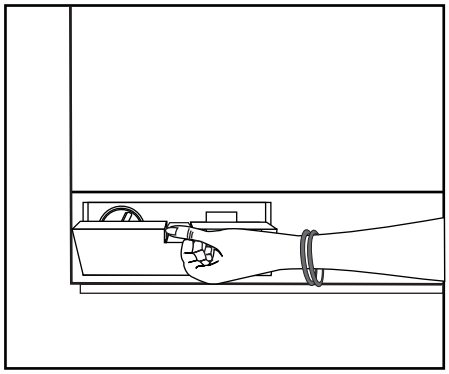
SWITCHING OFF THE MACHINE:

- At the end of the program "End" message will be shown on the digital display.
- Open the door by pulling the door handle to remove the clothes from the machine
- Switch OFF the machine by rotating the program selector knob to "OFF" position.

  Leave door slightly ajar to dry out the inside of the machine

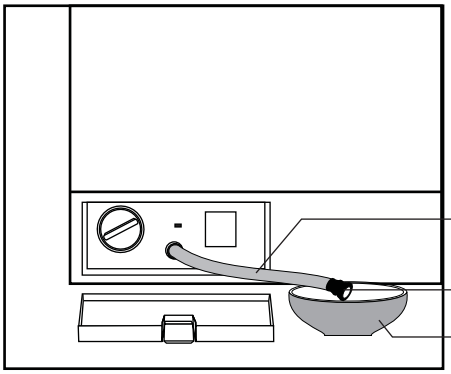
COIN TRAP

1



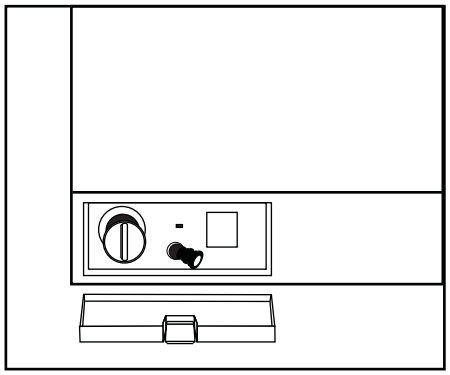
Open the detachable bottom door by pressing the top portion of it.

2



Place a shallow container near the bottom door. Pull out the drain hose and open the drain plug to drain out the water from the machine in the container.

3



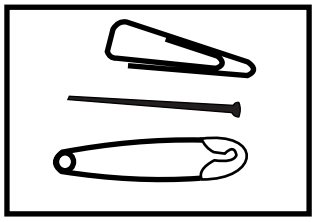
After draining out the water through the drain plug, open the coin trap by rotating in anti-clockwise direction and remove the foreign particles like coins, pins, hooks, present if any. Tighten the coin trap and drain plug to their original positions and close the bottom door.

BEFORE USING THE MACHINE AGAIN, RUN THE MACHINE WITHOUT CLOTHES AND DETERGENT BY SELECTING ANY SHORT WASH PROGRAMME. THIS WILL ENSURE THAT THE WATER SYSTEM LINE GETS FILLED WITH WATER.

ALTERNATELY POUR TWO MUGS OF WATER (APPROX. 1.5 LITRES.) DIRECTLY INTO THE DRUM.

DO NOT OPEN THE COIN TRAP DURING A PROGRAMME RUN.

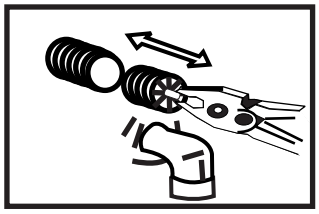
DRUM



Rust Stains

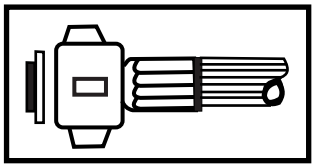
Never leave metal items e.g. paper clips, safety pins etc. in the drum as it creates superficial rust marks in drum. If there are any rust stains remove with a non-chlorine agent. Special non-metal sponges (never use steel wool) may also be used.

SIEVES

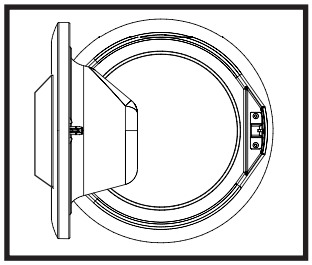


Cleaning of water connection sieves, filter:

- Turn off Taps. Disconnect power supply to the machine.Unscrew inlet hose from machine as well as from the tap and drain out water from the hose.
- Pull the sieve out of the magnetic valve with a pair of flat nosed pliers and clean under running water with a brush.
- Fit sieve back to the valve.
- Remove the filter mesh from the tap end of the inlet hose and clean under running water with a brush.
- Fit the filter mesh back to inlet hose.
- Screw inlet hose back to the machine and the tap. Ensure that both the sieves and filter are in place.
- Turn on the tap.



Cleaning of Porthole Door Area:



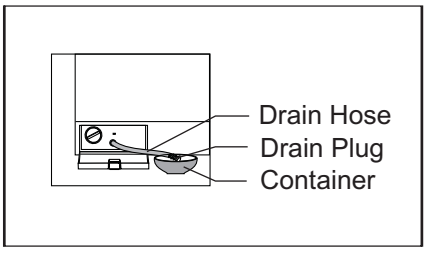
- After every wash clean vapour off porthole door.
- Lift the fold in the rubber gasket under porthole periodically to remove lint and dirt preferably after every wash.

FROST PROTECTION

- If the machine is being operated in very cold temperature, all the water should be drained out after use.
- Locate the drain hose and drain the water.
- Disconnect inlet hose from the tap and drain.

DRAINING DURING EMERGENCIES

- In case of a long power failure during a programme run, the water can be drained from the drum through the drain hose
- Allow the water in the machine to cool down sufficiently.
- Locate the drain hose and pull out the drain plug to drain water in a large shallow container.
- Before restarting the machine, ensure that drain plug is fixed to the drain hose properly and coin trap water line is filled with water by running the machine without any clothes or detergent.
- Spillage of water can rust the base plate. Draining through drain hose prevents rusting.



TROUBLE SHOOTING

WHY DOES IT HAPPEN ?

DIGITAL DISPLAY DOES NOT GLOW

- Check if the machine is ON.
- Check for loose connections in plug/socket
- Check if the programmer selector knob is in OFF position.

WASHING MACHINE DOOR DOES NOT OPEN

- Check if the program is active.
- For reasons of safety, the washing machine door cannot be opened when the water level, temperature or the speed is too high

MACHINE DOES NOT START

- Check if machine is powered ON.
- Check if the “Start/Pause” button is ON . The symbol will blink when it is pressed.
- Check water supply.
- Porthole door not closed properly.

WATER DOES NOT ENTER MACHINE/DETERGENT NOT BEING FLUSHED INTO DRUM

- Check water supply
- Porthole door not firmly closed
- Water tap not turned on
- Bent inlet hose
- Sieve on inlet valve/ inlet hose clogged.

SUDS ESCAPING FROM DETERGENT DISPENSER TRAY/ EXCESSIVE FOAM IN THE DRUM.

- Detergent used is not a washing machine detergent
- Excessive detergent used

WATER LEAKAGE FROM THE MACHINE

- Inlet/Outlet hose connection loose
- Coin trap not screwed on properly
- Inlet hose leaking

MACHINE DOES NOT DRAIN

- Coin trap clogged
- Outlet hose end above 1 meter. from floor level

MACHINE DOES NOT SPIN / CLOTHES REMAIN WET

- Check if the Spin speed is set to “0” rpm
- Rinse Hold option is selected
- Coin trap is clogged.
- **Unblanced load (Divide the load in two halfs and spin each load using exclusive spin program with desired spin speed or add smaller articles of laundry to balance the load & repeat the spin cycle.)**
- **Excessive detergent / Foam**
- **Load is too small.**

MACHINE VIBRATES MORE DURING SPINNING

- Machine not levelled properly
- Coin trap clogged partially.
- Clothes not loaded as instructed

MOTOR NOISE

- It is normal for noises to be heard while motor is running. However wash load, belt tension and motor mounting bolt should be checked for specified limits.

PUMP NOISE

- It is normal for noises to be heard from the pump during the start-up and final stage of draining. However check for fluff filter clogging.

PROGRAM CYCLE TIME DELAYED/ BALANCE TIME ON THE DISPLAY REMAINS STATIONARY

- Not a fault
- It is normal as the washing time may vary depending upon the type and quantity of laundry, inlet water pressure, inlet water temperature, variations in power supply and other usage conditions.

ERROR INTERPRETATION

Check the following before asking if the error message is displayed during the programme run:-

ERROR MESSAGE	POSSIBLE CAUSE	SOLUTION
E :01	Door is not closed properly	Open and then close the door properly
E :02	Water tap turned off	Turn the water tap ON.
	Water supply not available	Machine will start automatically on resumption of water supply.
	Sieve / filter blocked in water inlet hose.	Clean Sieve/Filter (Refer Page 21 for details)
	Water pressure too low	Eliminate Cause.
	Bent/damaged Water inlet hose	Remove bend / damage
E :04	Overloading of washing machine	The washer restarts after about 30 min.
E :05	Programme time is extended due to low inlet water temperature / low input voltage.	
E :06	Coin trap is blocked.	Switch OFF the appliance. Select & Run Drain program till water is totally drained out from the machine. Clean Coin trap (Refer page 21 for details)
	Exhaust hose clogged/bent	Clean the exhaust hose / Remove bend.
E:07	Motor control function interrupted	Please call service personnel

If the error message could not be solved with the aid of the above table:

*Switch OFF the appliance. ➔ * Wait for 15 seconds. ➔ *Switch ON the appliance. ➔ *Select and start a cold wash program

If the error message repeats, please call service personnel.

SAFETY PRECAUTION

- Ensure that the machine is properly balanced on four adjustable feet.
- Ensure that the machine is connected to 3 pin socket with good earth and 16 Amp MCB or other automatic short circuit protection devices.
- The machine is tested with water during assembly for performance checking. Condensed droplets of water may remain inside the drum. It is advisable to run the machine without wash load in cotton 60 program with detergent for the first time after installation.
- Programme / temperature selection must be done prior to pressing the “Start/Pause” Button. For altering/modifying the options, the press “Start/Pause” button again to bring the machine in “Pause” mode. Modify the option and restart the washing machine by pressing “Start/Pause” button.
- Servicing should be handled by the Company’s authorized personnel only.
- Check label on garments for determining conditions under which fabrics are to be washed.
- Use detergent recommended for washing machine.
- Ensure that the electrical line on which the machine is used can take the required load.
- Check the inside of drum before loading the clothes.
- Protect the machine from direct sunlight and do not splash water on it. Clean with a damp cloth.
- Keep your machine dry to avoid corrosion/rusting. Take special care to wipe the machine after cleaning the Coin trap.
- The machine should ideally be installed on the floor. It can be installed on any suitable platform or trolley, if desired by the customer.
- Clean the shell lower and detergent tray periodically by taking out the detergent tray.
- Do not pull the cord to disconnect the plug. Hold the plug itself/do not insert or remove the plug with damp hand.
- Do not drag the washing machine to its position. Always lift the or move the machine keeping the wheel’s direction in mind.
- Do not move the washing machine if it contains the wash load or when in operation.
- Do not install the machine in a damp area or bathroom, with exposure to direct shower*.
- Do not spill water over the machine*. In case of spillage, wipe dry.
- Avoid the machine coming in contact with floor cleaning chemicals.*
- Do not wash or spray water over the switch or control panel.
- Do not allow children/pets to play with the machine.
- Do not wash shoes or utensils in the machine.
- Keep machine away from fire or heat.
- IFB will not be responsible if the user uses accessories not manufactured or recommended by IFB.
- Take care when draining hot washing solution.
- Door always become very hot during washing at higher temperatures. Keep children away from the appliance while it is in use.

*Exposure can lead to rusting/corrosion.

SPECIAL NOTE:

ONLY USE A DETERGENT RECOMMENDED FOR FRONT LOADING WASHING MACHINES. A DETERGENT WHICH FOAMS EXCESSIVELY CAN DAMAGE THE MOTOR AND DETERIORATE THE RINSE QUALITY.

INSTALL MACHINE IN A ROOM WITH ADEQUATE VENTILATION. AVOID A ROOM WITH NO WINDOWS. THE BACK OF THE MACHINE SHOULD BE AT LEAST 4 INCHES(100 mm) AWAY FROM THE WALL.

IF YOU USE A COVER OR TABLE CLOTH ON THE TOP LID, MAKE SURE THAT THE VENTILATION SLOTS AT THE BACK ARE NOT COVERED OR BLOCKED. THIS PRECAUTION WILL PROLONG THE LIFE OF ELECTRICAL AND RUBBER COMPONENTS.

Dimensions (D x W x H)	:	56 cm x 60 cm x 85 cm
Net Weight	:	60 Kg.
Capacity	:	5 Kg of dry clothes (cotton)*
Programmes	:	> 100
Selector Buttons	:	Prewash Option, Soak Option, Rinse+ Option, Delay Start, Spin Select, Start/Pause.
Spin Speed	:	400 to 900 rpm or No final spin or Rinse Hold
Heater Rating	:	1.9 kW
Drum	:	Stainless Steel
Temperature Selection	:	Cold to 95^0C
Drain Pump Rating	:	30 Watts
Water Consumption	:	35 Litres for normal wash
Power Consumption	:	0.15 unit for cold wash, 0.6 unit for hot wash at 60^0C
(Cotton Wash Programme)		
Connected Load	:	2.35 kW Max.
Programme duration	:	2 to 117 minutes
Power Supply	:	220 - 240 V, single phase, 50 Hz
Water Pressure	:	1 bar (1.03 kg/cm^2) - 10 bar (10.3 kg/cm^2)

Specifications are subject to change without Prior notice.

* Capacity depends on size, texture and combination of clothes

Program duration, Water, Detergent and Electricity consumption indicated is under test condition for normally soiled clothes and will vary depending on the quantity of clothes, type of clothes, ambient temperature, water pressure, operating voltages etc.

WARRANTY

CUSTOMER COPY

MODEL DIGITAL, SR. NO: WT DIG 5kg B _____

DEALER'S NAME: _____

DATE OF PURCHASE _____

CUSTOMER'S NAME _____

ADDRESS _____

TEL. NO. (Resi.) _____ (Off.) _____

E-mail _____

MOTOR SR. NO. _____

INSTALLATION REPORT

IFB WASHING MACHINE

Model : _____ Serial No. : _____

Customer's Name : _____

Tel. No. _____ Address : _____

_____

Installation Check Points

Machine Delivered on : _____ Machine Installed on : _____

1.	Any major transit damage to the machine observed	Yes ☐	No ☐	
2.	Condition of Earthing/Plug Point (16 Amp. 230V AC with MCB or other automatic short circuit protection devices.) good			
	If poor, customer has been advised, to correct the same.	Yes ☐	No ☐	
3.	User Manual Delivered	Yes ☐	No ☐	
4.	Inform user of need to keep drain hose straight & maximum height of draining.	Yes ☐	No ☐	
5.	Warranty term explained	Yes ☐	No ☐	
6.	Machine levelling procedure & importance explained	Yes ☐	No ☐	
7.	Detergents and bleach recommendation revelent DD tray chambers explained	Yes ☐	No ☐	
8.	Basic wash demo given	Yes ☐	No ☐	
9.	Trouble shooting explained	Yes ☐	No ☐	
10.	Check following for proper order :			
	a. Inlet Hose	Yes ☐	No ☐	
	b. DD Tray	Yes ☐	No ☐	
	c. Ratmesh fitted. (If applicable)	Yes ☐	No ☐	
	d. Drain hose	Yes ☐	No ☐	
11.	Do's and Don't's explained	Yes ☐	No ☐	
12.	Display function explained (If applicable)	Yes ☐	No ☐	
13.	Procedure for cleaning rubber sleave / coin trap	Yes ☐	No ☐	
14.	**Program selection, Programs & buttons options** (other knobs) explained	Yes ☐	No ☐	
15.	Indicator lamp/Status LED function (if Applicable)	Yes ☐	No ☐	
16.	Buzzer function (if Applicable)	Yes ☐	No ☐	

Installed by :_____

Signature : _____

Customer's response

1.	The installation person was courteous & Helpful.	Yes ☐	No ☐	
2.	I would describe my experience with installation as	Unacceptable ☐	Satisfactory ☐	
		Non Satisfactory ☐	Very Satisfactory ☐	

I certify that the above information & checks have been done to my satisfaction & I am fully satisfied with the installation of the washing machine.

Customer's Signature_____ Date :_____ Time : _____

WARRANTY

SERVICE STATION COPY

MODEL DIGITAL, SR. NO: WT DIG 5kgB _____

DEALER'S NAME: _____

DATE OF PURCHASE _____

CUSTOMER'S NAME _____

ADDRESS _____

TEL. NO. (Resi.) _____ (Off.) _____

E-mail _____

MOTOR SR. NO. _____

INSTALL THE MACHINE, ONLY IF EARTHING IS PROPER

I OWN THE FOLLOWING PRODUCTS: (Please tick in the box)

☐ COLOUR TV ☐ REFRIGERATOR ☐ AIR CONDITIONER

☐ DISH WASHER ☐ MICROWAVE OVEN ☐ CLOTHES DRYER

FRANCHISEE ATTACHED: _____

ALSO FROM IFB

DISHWASHER
CAPACITY:- 12 PLACE SETTING

MICROWAVE OVEN
CAPACITY - 17 to 30 LITERS

CLOTHES DRYER
CAPACITY - 5.5KG

IFB

Customer Care
Dial

1860 425 5678 - BSNL & MTNL Callers
3900 4321 - Other Callers
or email
customerservice@ifbglobal.com

IFB Industries Limited, Plot No. IND - 5, Sector - 1, East Calcutta Township, Calcutta - 700 078
Visit us at www.ifbappliances.com